

## PATENT ABSTRACTS OF JAPAN

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(71)Applicant : FUJITSU GENERAL LTD

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(72)Inventor : UGAJIN MASASHI

SASAI HIDEJI

AOKI YUTAKA

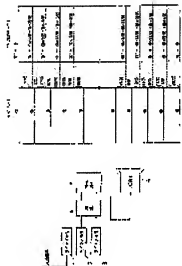
FUJITA JUN

## (54) TELEVISION SIGNAL CONVERTING METHOD

(57)Abstract:

**PURPOSE:** To obtain a natural picture in converting the broadcast system at the receiving side by storing field information being the result of scanning line number conversion after picture elements of adjacent scanning lines are mixed in a ratio in response to the position of a new scanning line to be formed between the scanning lines and reading out the field.

**CONSTITUTION:** The picture information of each inputted scanning line is written sequentially in line memories 1-3 at each scanning line, the picture information is read out of two line memories except the line memory under writing at present and an arithmetic circuit 4 processes the scanning line number conversion, the result is written in the frame memory 5 as the information of a picture equivalent to one field and a picture is formed on a CRT 6 by using the picture information read synchronously with the television signal system after the conversion. In applying the scanning line number conversion to 525 scanning lines of the NTSC system of non-interlacing into 626 scanning lines of the PAL/SECAM system, the picture elements of the scanning line above and under the scanning line of the PAL/SECAM system are mixed inversely proportional to a distance of the position of the scanning line of the PAL/SECAM system to be existed and the scanning lines above and under the position in the NTSC system to form new scanning lines.





P.B.5818 - Patentaan 2  
2280 HV Rijswijk (ZH)  
T: (070) 3 40 20 40  
FAX: (070) 3 40 30 16

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ENTRY	
FOR	<i>JP JM</i>



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Reference P021796EP - JM	Application No./Patent No. 04726301.7 - 2223 PCT/JP2004005028
Applicant/Proprietor SONY CORPORATION	

#### COMMUNICATION

The European Patent Office herewith transmits as an enclosure the supplementary European search report under Article 157(2)(a) EPC for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

- ☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

#### Refund of the search fee

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



*No corresponding foreigns for which we  
are responsible. No diary entries made*



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 5 185 663 A (HACKETT ET AL) 9 February 1993 (1993-02-09) * column 3, line 24 - column 4, line 63 * -----	1-8	H04N7/01
A	PATENT ABSTRACTS OF JAPAN vol. 012, no. 420 (E-679), 8 November 1988 (1988-11-08) & JP 63 156486 A (FUJITSU GENERAL LTD), 29 June 1988 (1988-06-29) * abstract * -----	1-8	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
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The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Berlin		Date of completion of the search 7 September 2005	Examiner Greve, M
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 72 6301

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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